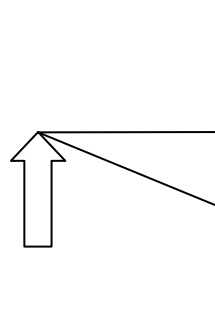
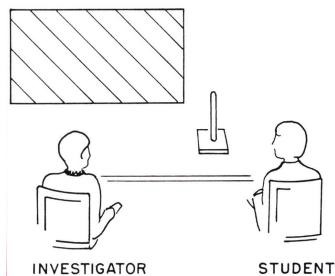


Notetaking Guide – Mirrors

1. What is the Law of Reflection?
2. Define the following terms:
 - a. Plane
 - b. Virtual Image
3. Draw an example showing how a plane mirror forms an image of an object.
Draw the reflected light rays.



4. Describe the images formed by a plane mirror. Classify the image as real or virtual, upright or inverted, and smaller, larger or same size.
5. Can the student see the image of the pole in the mirror? Explain.



6. What conditions must be necessary to see the image of an object in a plane mirror?

The object must be located _____

Light rays coming from the object and reflecting off of the mirror must be able to _____

_____.

7. Draw the image of the letter.

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8. Write your name in front of the mirror, parallel to the mirror. Draw the image of your name.

9. Is the image in a plane mirror completely reversed?
- a. Is top reversed from bottom?
 - b. Is right reversed from left?
10. Summary